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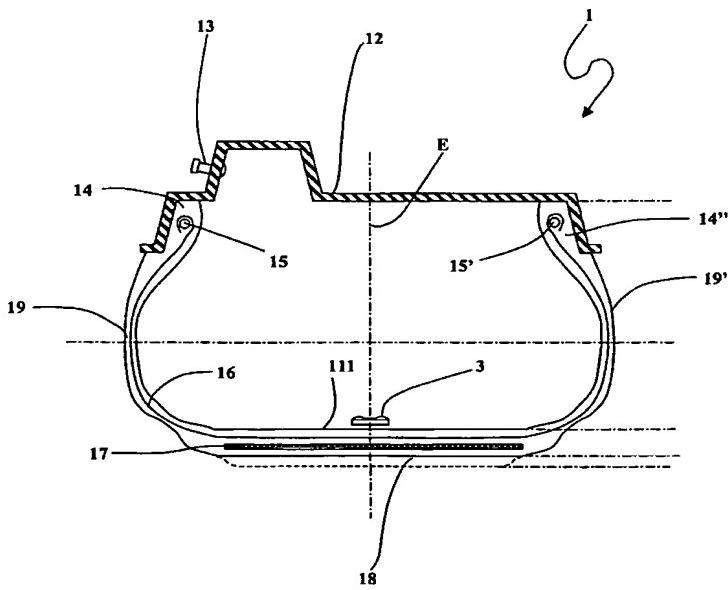
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(54) Title: SYSTEM FOR MONITORING CHARACTERISTIC PARAMETERS OF A TYRE



(57) Abstract: System for sensing at least one characteristic parameter of a tyre fitted to a vehicle, comprising a movable unit combined with said tyre, and a fixed unit combined with said vehicle that includes a device for receiving signals from said movable unit. Said movable unit comprises a device for sensing said at least one characteristic parameter and a device for transmitting out of the tyre a signal relating to said at least one characteristic parameter. Said movable unit comprises an electrical energy generating device capable of supplying said sensing device and said transmitting device, that comprises a capacitor that charges itself with electrical energy in response to the mechanical stresses applied to said tyre.

WO 2004/002758 A1

WO 2004/002758 A1



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 80327 A (PIRELLI ;VILLA DIEGO (IT); MANCOSU FEDERICO (IT); MATRASCIA GIUSEP) 25 October 2001 (2001-10-25) abstract; figures 1-7 ----	1,9,11
A	WO 00 02741 A (KO WEN H ;XIE HUIJUN (US); GOODYEAR TIRE & RUBBER (US)) 20 January 2000 (2000-01-20) abstract; figures 3A,5 ----	1,9,11
A	DE 199 53 488 C (CONTINENTAL AG) 10 May 2001 (2001-05-10) abstract; figures 2A,2B,3A,3B,4 -----	1,9,11

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Information on patent family members

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